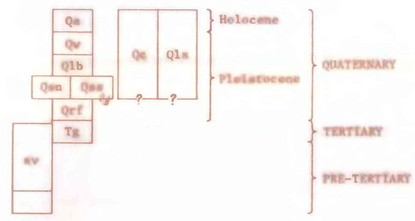
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared by
THE DEPARTMENT OF THE INTERIOR RESOURCE AND LAND INFORMATION (RALI) PROGRAM
In cooperation with
U.S. GEOLOGICAL SURVEY
FEDERATION OF ROCKY MOUNTAIN STATES
COLORADO SCHOOL OF MINES
JEFFERSON COUNTY OPEN SPACE PROGRAM

OPEN-FILE REPORT
75-608
SHEET 8 OF 20

CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Qa ALLUVIUM (STREAM DEPOSITS) (HOLOCENE)--Includes Upper Holocene Piney Creek Alluvium and post-Piney Creek alluvium. Loose and incoherent material deposited in river beds, flood plains, and fans at the foot of mountain slopes

Qc COLLUVIUM (HOLOCENE AND PLEISTOCENE)--Loose and incoherent material deposited by the slow downhill movement of debris by gravity

Qls LANDSLIDE DEPOSITS (HOLOCENE AND PLEISTOCENE)--Locally derived material moved downslope by gravity. Includes earth flows

Qw EOLIAN (WIND-BLOWN) DEPOSITS (PLEISTOCENE)--Well-sorted medium to fine sand

Qlb BROADWAY AND LOUVIERS ALLUVIUM AND COLLUVIUM (PLEISTOCENE)--Gravel, sand, silt, and clay deposited by streams. Forms terraces 25-65 feet above modern streams. Locally covered with lag deposit of large boulders near Soda Lakes

SLOCUM AND VERDOS ALLUVIUM (PLEISTOCENE)--Silty clayey sand and gravel, locally bouldery. Contains many decomposed stones. Forms terraces 80-250 feet above modern streams

Qsn North of Clear Creek
Qss South of Clear Creek

Qrf ROCKY FLATS AND NUSSBAUM ALLUVIUM (PLEISTOCENE)--Bouldery cobble gravel in clayey sandy pebble-gravel matrix. Contains many decomposed stones, 350-650 feet above modern streams

Tg GRAVEL (TERTIARY)--Boulders composed mostly of Precambrian rocks as much as 5 feet in diameter in matrix of sand, silt, and clay

sv SEDIMENTARY AND VOLCANIC ROCKS (PRE-TERTIARY)--Bedrock exposed east of the Front Range. For rock type, see the bedrock geologic map, sheet 7

GRANITIC AND METAMORPHIC ROCKS (PRE-TERTIARY)--Bedrock exposed in the Front Range. For rock type, see the bedrock geologic map, sheet 7

CONTACT

MAJOR ZONES OF FRACTURED ROCK IN THE MOUNTAINS

w WATER BODY--Shown only where water conceals contacts

Compiled by: Donald E. Trimble and Michael Machette, U.S. Geological Survey; modified and reformatted by Harry W. Smedes, U.S. Geological Survey, and A. Keith Turner, Colorado School of Mines.

Sources of data: Published and unpublished geologic maps by the U.S. Geological Survey, compiled as part of the Front Range Urban Corridor Project. A large scale generalized map, principally of the plains, was published by Chase and McConaghy (1972) after this map was compiled and entered into computer file.

Index of Jefferson County showing area covered by computer data maps (shaded)

Base from U.S. Geological Survey
Front Range Urban Corridor
Greater Denver Area, 1:100,000, 1972

▷ Boundaries of sectors for computer map file

U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

SCALE 1:72,000
0 1 2 3 4 5 Miles
0 1 2 3 4 5 6 7 Kilometres
CONTOUR INTERVAL 100 FEET

MAP ATLAS OF BASIC DATA FOR COMPUTER-ASSISTED LAND-USE PLANNING STUDIES OF THE NORTHERN PART OF JEFFERSON COUNTY, COLORADO

SHEET 8.--MAP OF SURFICIAL DEPOSITS

By
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1975